

Fig. 1A

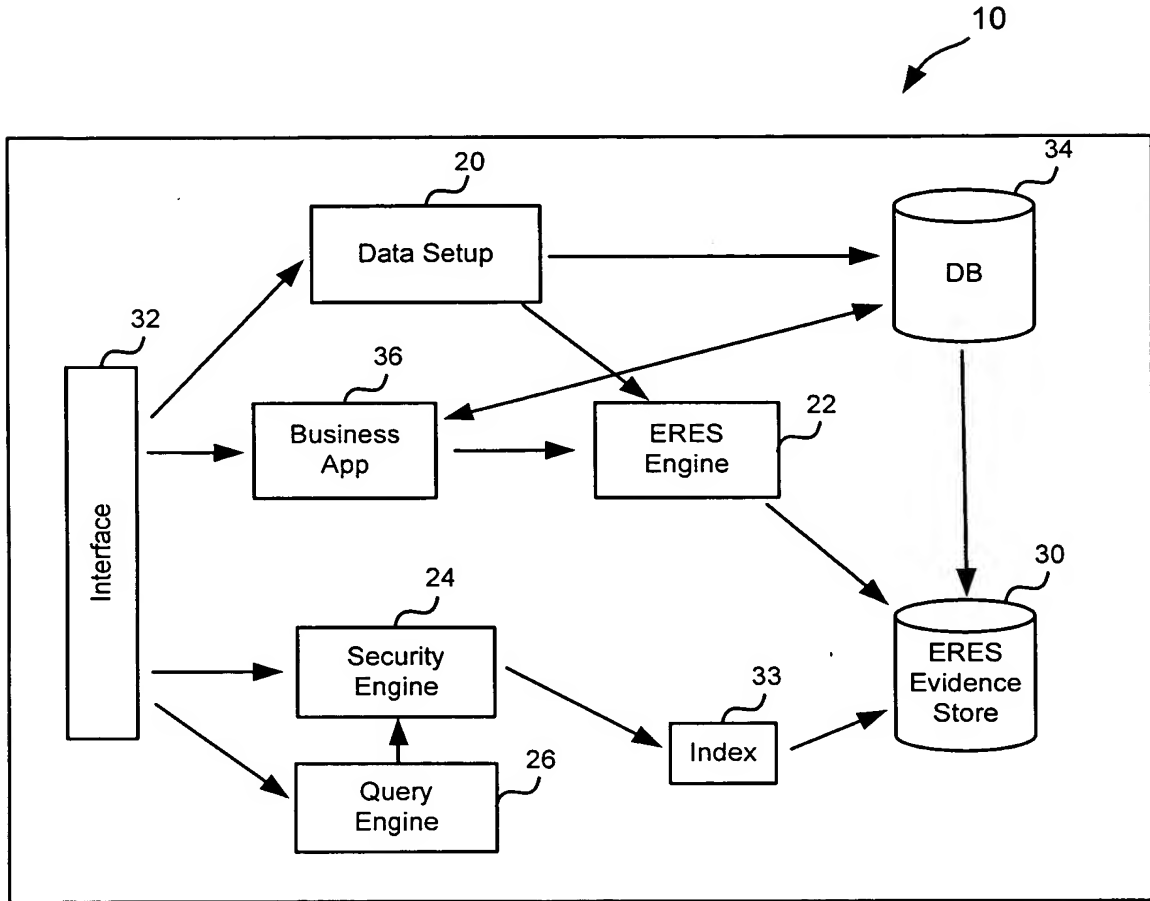


Fig. 1B

30a

| Name | Datatype | Length | Mandatory | Comments |
|---------------------|----------|--------|-----------|--|
| DOCUMENT_ID | NUMBER | | Yes | Unique document id |
| PSIG_XML | CLOB | (4000) | | XML document |
| PSIG_DOCUMENT | CLOB | (4000) | | Electronic record as seen by user |
| PSIG_DOCUMENTFORMAT | VARCHAR2 | (100) | | Format of the Document |
| PSIG_TIMESTAMP | DATE | | | Timestamp when the document was requested |
| PSIG_TIMEZONE | VARCHAR2 | (240) | | Time Zone the document was initiated |
| DOCUMENT_REQUESTER | VARCHAR2 | (240) | | Document requester |
| PSIG_STATUS | VARCHAR2 | (32) | | Status of the document (ERROR, PENDING, COMPLETE) |
| PSIG_SOURCE | VARCHAR2 | (32) | | Source of the Document |
| EVENT_NAME | VARCHAR2 | (80) | | Event associated to the document |
| EVENT_KEY | VARCHAR2 | (240) | | Event instance identifier |
| PRINT_COUNT | NUMBER | | | Number of time document requested from printing |
| CREATION_DATE | DATE | | | WHO Column |
| CREATED_BY | NUMBER | | | WHO Column |
| LAST_UPDATE_DATE | DATE | | | WHO Column |
| LAST_UPDATED_BY | NUMBER | | | WHO Column |
| LAST_UPDATE_LOGIN | NUMBER | | | WHO Column |

30b

| Name | Datatype | Length | Mandatory | Comments |
|---------------------|----------|--------|-----------|--|
| SIGNATURE_ID | NUMBER | | | Signature ID |
| DOCUMENT_ID | NUMBER | | | Document Id Refers EDR_PSIG_DOCUMENTS |
| EVIDENCE_STORE_ID | NUMBER | | | Evidence Store Id if the signature are present in Server Tech Storage |
| USER_NAME | VARCHAR2 | (100) | | User name who signed the Document |
| USER_RESPONSE | VARCHAR2 | (100) | | User Response |
| SIGNATURE_TIMESTAMP | DATE | | | Signed Time and Date |
| SIGNATURE_TIMEZONE | VARCHAR2 | (240) | | Signature Time Zone |
| SIGNATURE_STATUS | VARCHAR2 | (32) | | Signature Status (PENDING, COMPLETE, ERROR) |
| CREATION_DATE | DATE | | | WHO Columns |
| CREATED_BY | NUMBER | | | WHO Column |
| LAST_UPDATE_DATE | DATE | | | WHO Column |
| LAST_UPDATED_BY | NUMBER | | | WHO Column |
| LAST_UPDATE_LOGIN | NUMBER | | | WHO Column |

Fig. 2

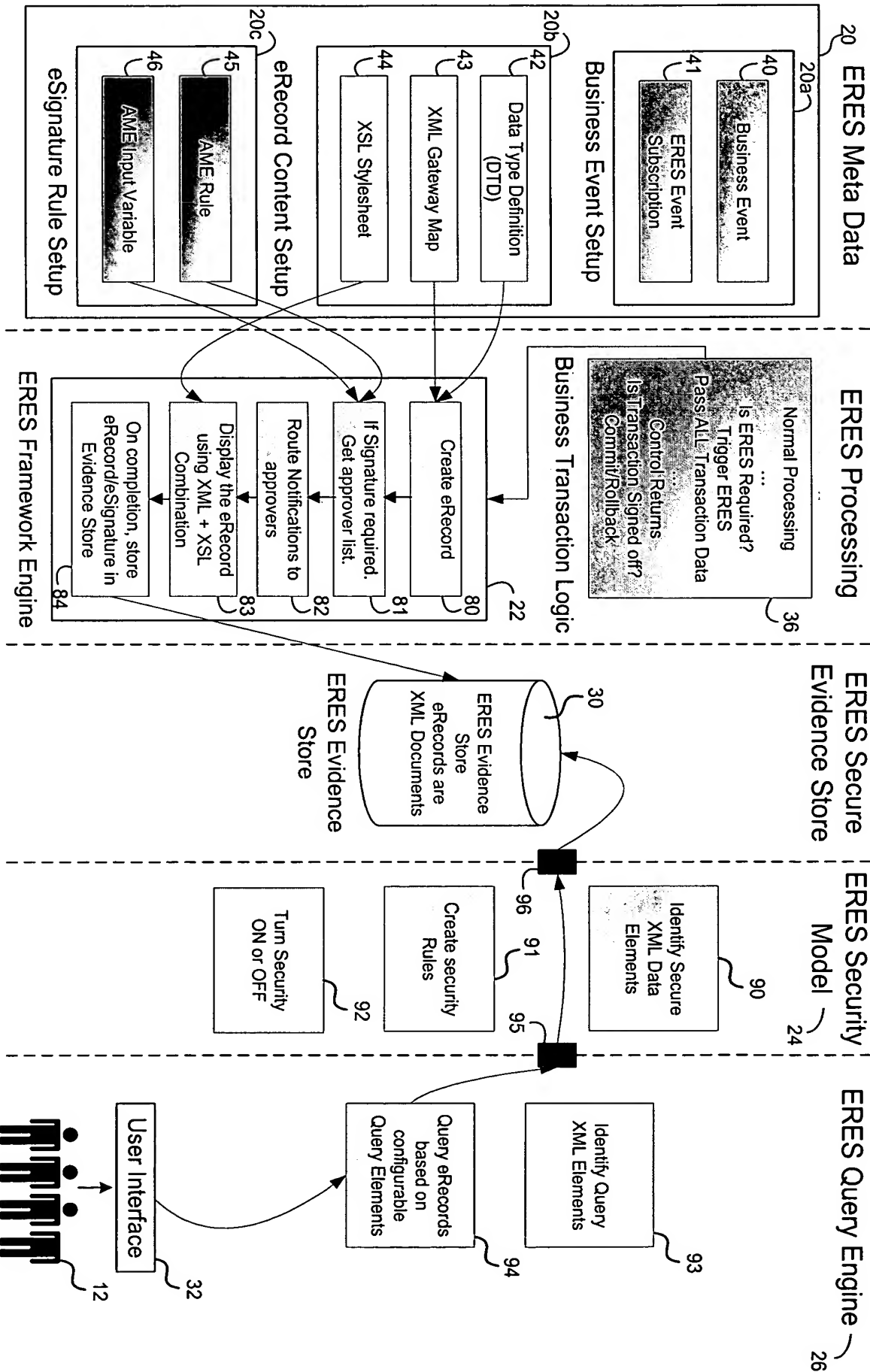


Fig. 3

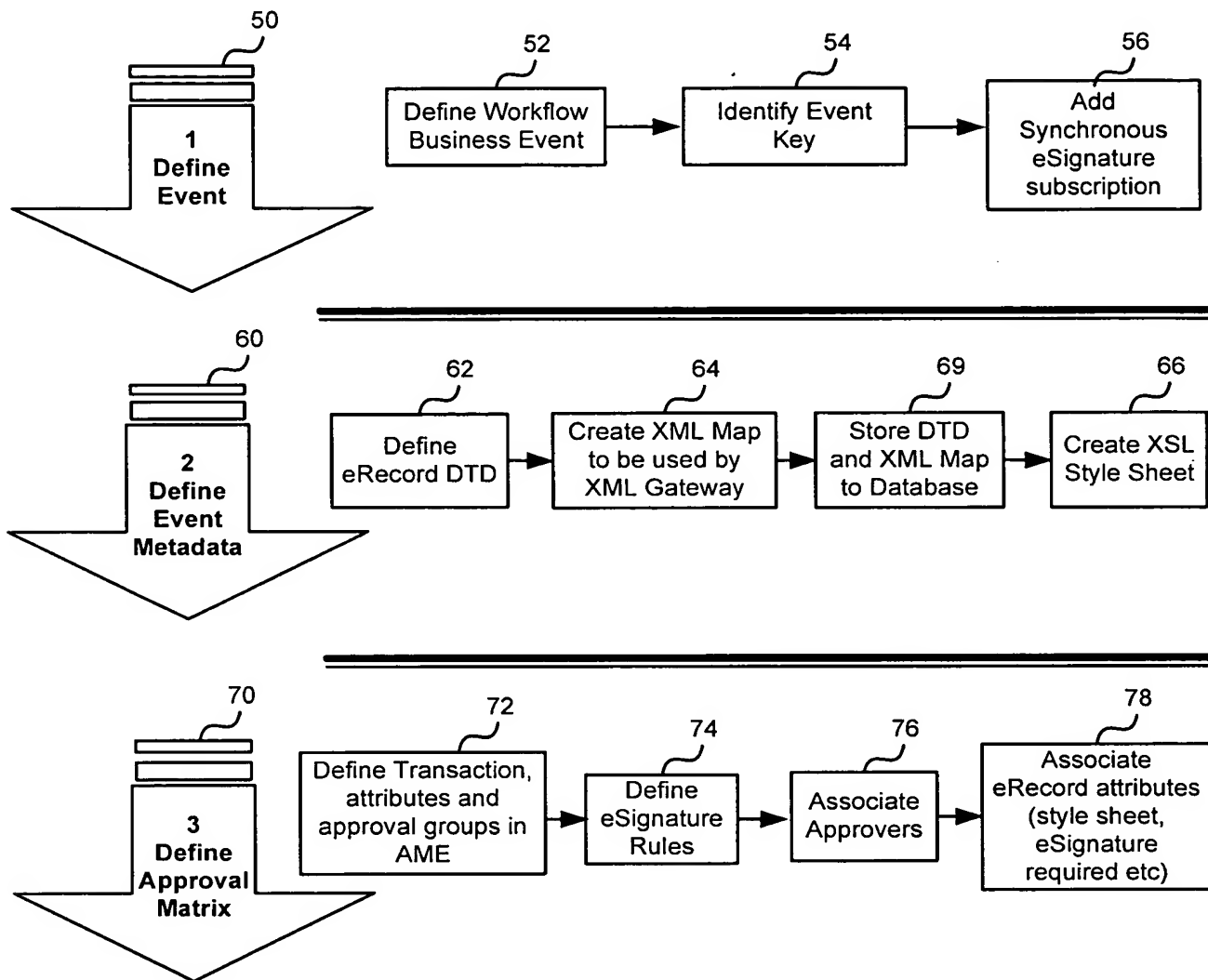


Fig. 4

80

Edit Event ?

ORACLE
650-326-2400

Name: oracle.apps.gme.Batch.close

Display Name: Process Batch Close Event

Description: This Event is raised when a process batch is closed

Status: Enabled

Generate Function:

Owner Name: Process Execution

Owner Tag: GME

Submit Cancel

Fig. 5

90

| Rule | Attribute | Approver(s) |
|---|--|-------------------------------|
| If PLANT = "Plant 1" And PRODUCT = "Cyanide" | eRecord = Yes eSignature = Yes eRecord Style Sheet = StyleSheet12.X51 | James Dunn and Mark Arthur |
| If PLANT = "Plant 1" | eRecord = Yes eSignature = No eRecord Style Sheet = NULL | David Anderson |

Fig. 6

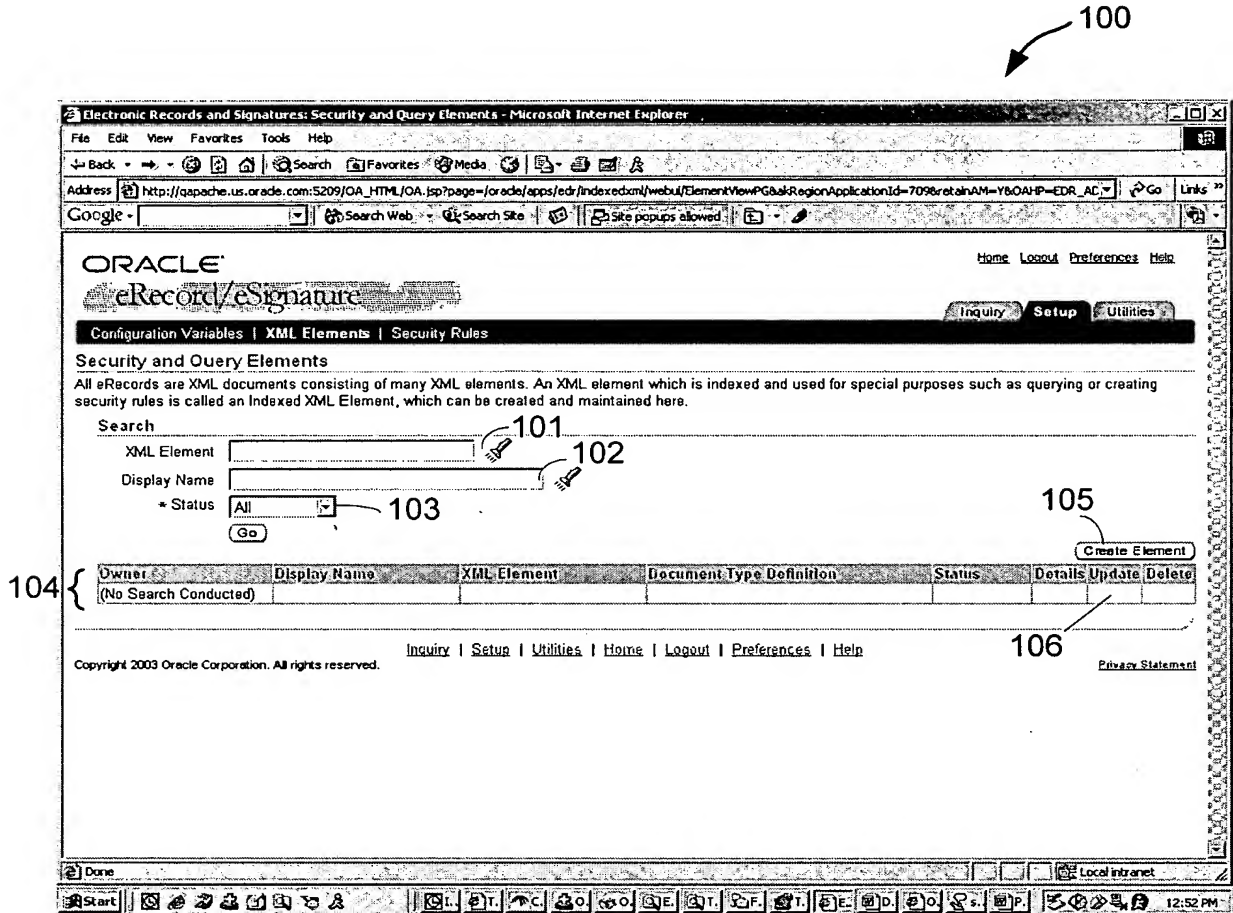


Fig. 7

Return To Portal

Diagnosis

Logout

Preferences

eRecord Indexed XML Element Creation

Text explaining the use of the page

Owner Application

XML Element Name

Document Type Definition

Display Name

Query Element

Secure Element

111

112

113

114

Cancel

Apply

Fig. 8

33a

| Name | Null? | Type | Description |
|--------------------|----------|--------------|--|
| ELEMENT_ID | NOT NULL | NUMBER | Surrogate Primary Key. |
| XML_ELEMENT | NOT NULL | VARCHAR2(30) | XML element identified as being searchable |
| DTD_ROOT_ELEMENT | | VARCHAR2(30) | Root element of the XML |
| APPLICATION_ID | NOT NULL | NUMBER | Application ID of the application owning the query element. |
| INDEX_SECTION_NAME | NOT NULL | VARCHAR2(30) | Name of the section created in the index for the query element |
| INDEX_TAG | NOT NULL | VARCHAR2(64) | Tag used to create the section in the index. Unique Constraint. |
| STATUS | NOT NULL | CHAR(1) | Status of the query element. It can be I(ndexed) or N(ot Indexed). |
| CREATED_BY | NOT NULL | NUMBER(15) | Standard WHO column |
| CREATION_DATE | NOT NULL | DATE | Standard WHO column |
| LAST_UPDATED_BY | NOT NULL | NUMBER(15) | Standard WHO column |
| LAST_UPDATE_LOGIN | | NUMBER(15) | Standard WHO column |
| LAST_UPDATE_DATE | NOT NULL | DATE | Standard WHO column |

33b

| Name | Null? | Type | Description |
|-------------------|----------|---------------|--|
| ELEMENT_ID | NOT NULL | NUMBER | Partial Primary key. |
| LANGUAGE | NOT NULL | VARCHAR2(4) | Partial Primary key. Language used for translatable columns |
| SOURCE_LANG | | VARCHAR2(4) | Source language |
| DISPLAY_NAME | NOT NULL | VARCHAR2(100) | Display name of the query element. This would be visible to end users. |
| DESCRIPTION | | VARCHAR2(100) | Description of the query element. |
| CREATED_BY | NOT NULL | NUMBER(15) | Standard WHO column |
| CREATION_DATE | NOT NULL | DATE | Standard WHO column |
| LAST_UPDATED_BY | NOT NULL | NUMBER(15) | Standard WHO column |
| LAST_UPDATE_LOGIN | | NUMBER(15) | Standard WHO column |
| LAST_UPDATE_DATE | NOT NULL | DATE | Standard WHO column |

33c

| Name | Null? | Type | Description |
|-------------------|----------|------------|--|
| USAGE_ID | NOT NULL | NUMBER | Surrogate primary key |
| ELEMENT_ID | NOT NULL | NUMBER | XML element used in creating the security rule. |
| ELEMENT_USAGE | NOT NULL | CHAR(1) | The usage of the XML element. It can be Q(uey) or S(ecure) |
| CREATED_BY | NOT NULL | NUMBER(15) | Standard WHO column |
| CREATION_DATE | NOT NULL | DATE | Standard WHO column |
| LAST_UPDATED_BY | NOT NULL | NUMBER(15) | Standard WHO column |
| LAST_UPDATE_LOGIN | | NUMBER(15) | Standard WHO column |
| LAST_UPDATE_DATE | NOT NULL | DATE | Standard WHO column |

Fig. 9

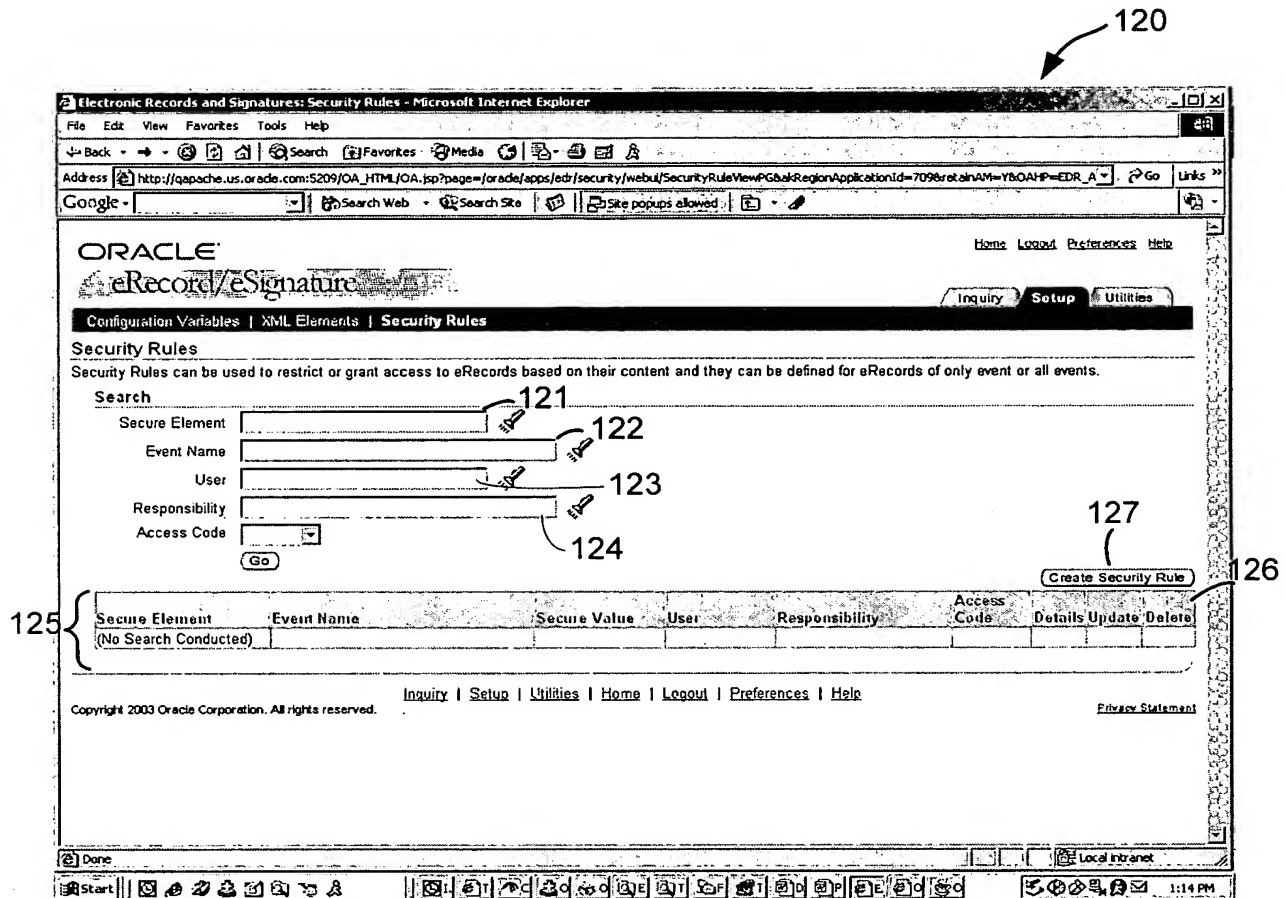
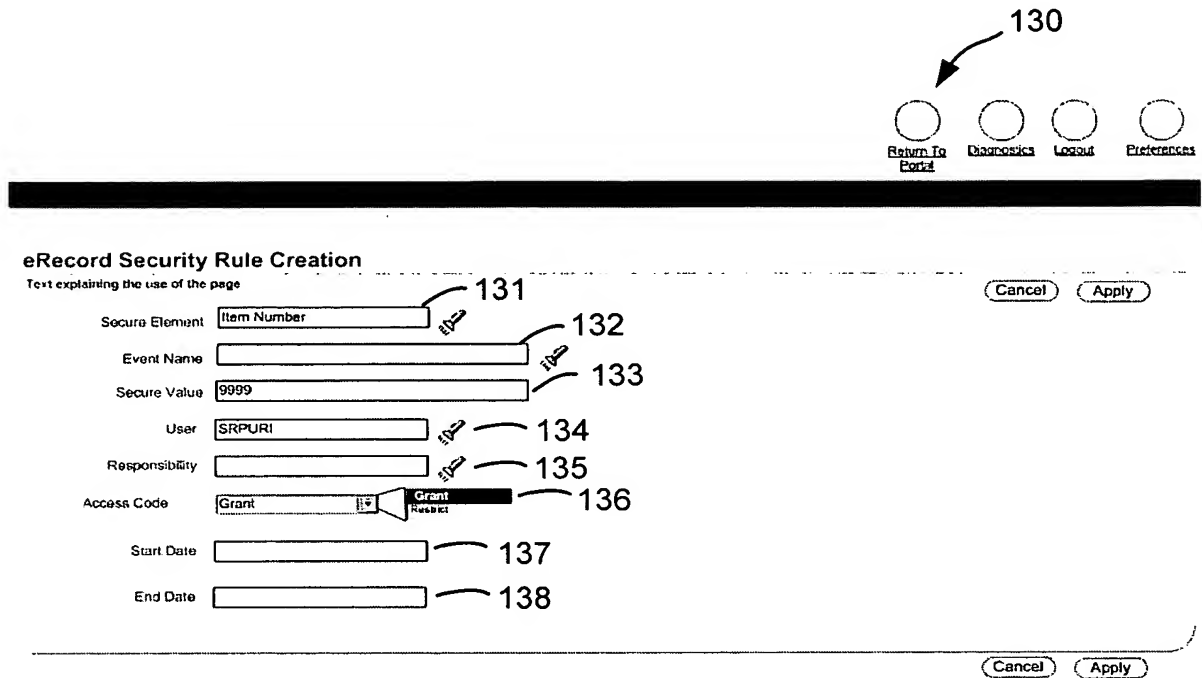


Fig. 10

| Name | Null? | Type | Description |
|-------------------|----------|---------------|--|
| RULE_ID | NOT NULL | NUMBER | Surrogate primary key |
| ELEMENT_ID | NOT NULL | NUMBER | XML element used in creating the security rule. |
| EVENT_NAME | | VARCHAR2(240) | Business event name used in creating the security rule. |
| SECURE_VALUE | NOT NULL | VARCHAR2(100) | Value secured by the security rule |
| USER_ID | | NUMBER(15) | User ID of the APPS user for whom security is created |
| RESPONSIBILITY_ID | | NUMBER(15) | Responsibility ID of the APPS responsibility for which security is created |
| ACCESS_CODE | NOT NULL | CHAR(1) | Access code can be G(rant) or R(estrict) |
| START_DATE | NOT NULL | SYSDATE | Start date for the rule |
| END_DATE | | SYSDATE | End date for the rule |
| CREATED_BY | NOT NULL | NUMBER(15) | Standard WHO column |
| CREATION_DATE | NOT NULL | DATE | Standard WHO column |
| LAST_UPDATED_BY | NOT NULL | NUMBER(15) | Standard WHO column |
| LAST_UPDATE_LOGIN | | NUMBER(15) | Standard WHO column |
| LAST_UPDATE_DATE | NOT NULL | DATE | Standard WHO column |

Fig. 11



130

Return To Portal Diagnostics Logout Preferences

eRecord Security Rule Creation
Text explaining the use of the page

Secure Element: 131

Event Name: 132

Secure Value: 133

User: 134

Responsibility: 135

Access Code: 136
Grant Revoke

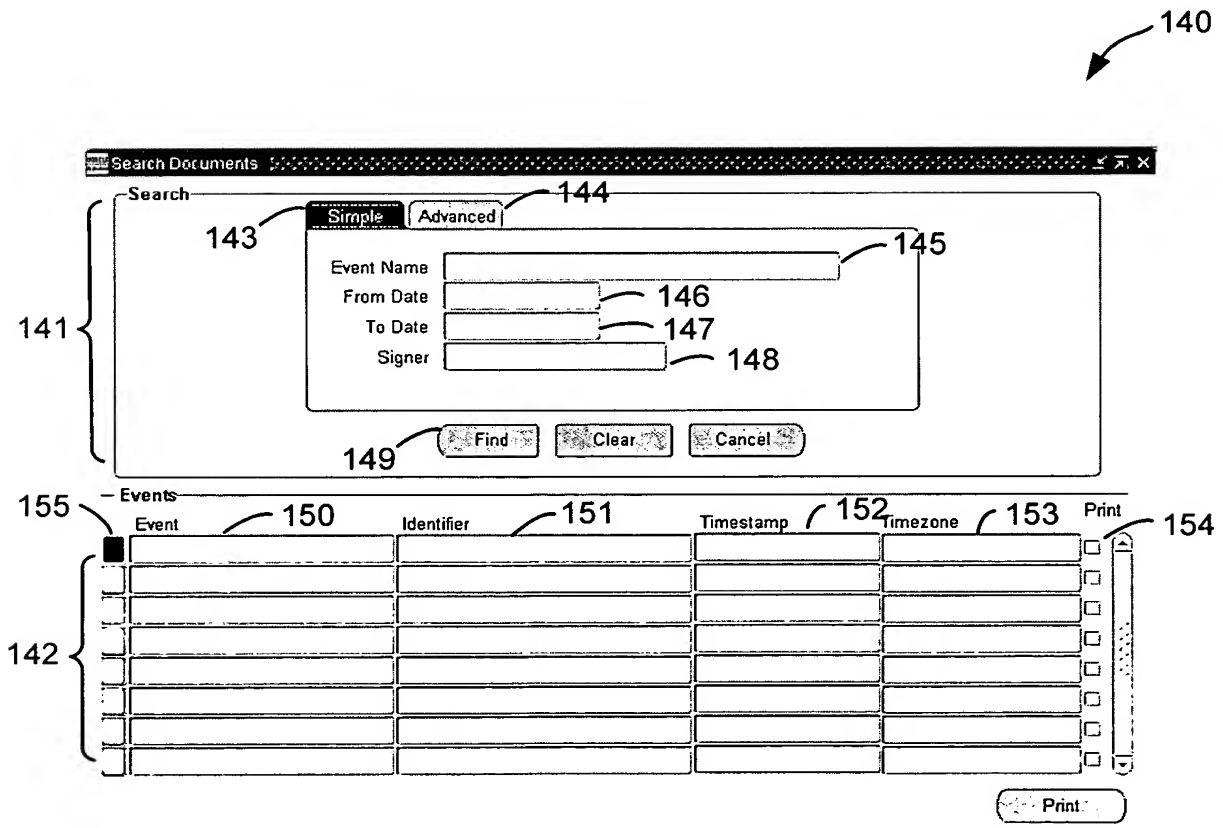
Start Date: 137

End Date: 138

Cancel Apply

Cancel Apply

Fig. 12



140

Search Documents

Search

Simple Advanced 144

Event Name: 145

From Date: 146

To Date: 147

Signer: 148

Find Clear Cancel 149

Events

| Event 150 | Identifier 151 | Timestamp 152 | Timezone 153 | Print 154 |
|-----------|----------------|---------------|--------------|--------------------------|
| | | | | <input type="checkbox"/> |
| | | | | <input type="checkbox"/> |
| | | | | <input type="checkbox"/> |
| | | | | <input type="checkbox"/> |
| | | | | <input type="checkbox"/> |
| | | | | <input type="checkbox"/> |

Print

Fig. 13

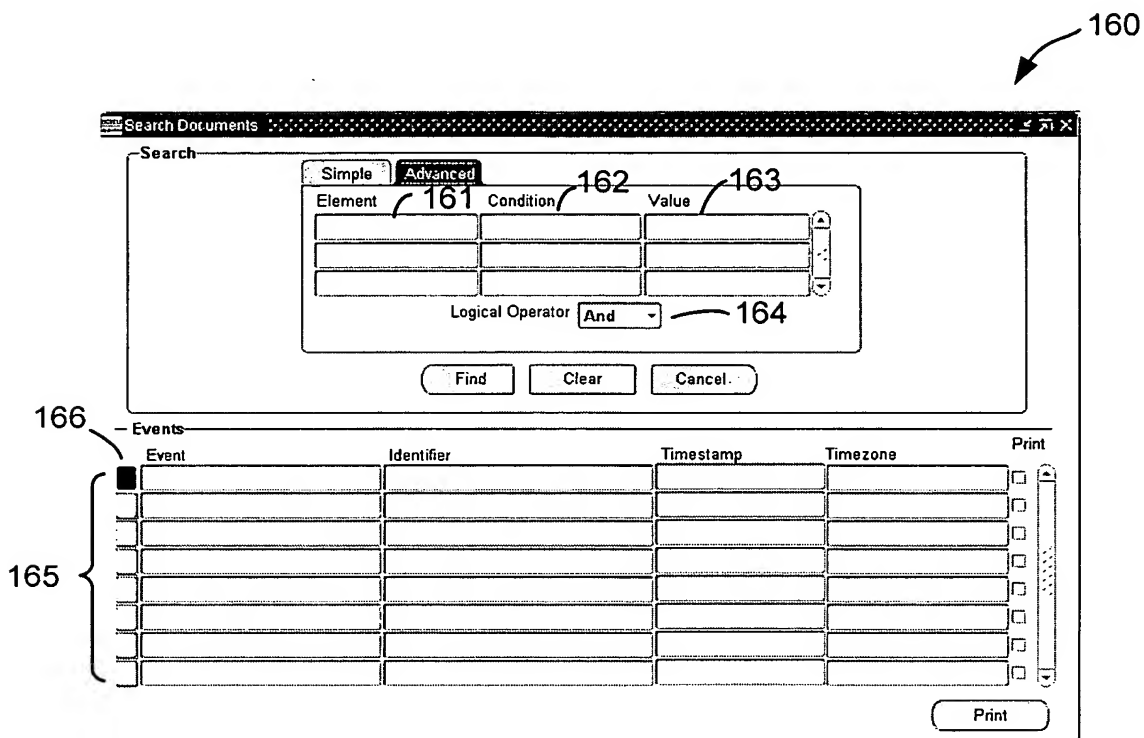


Fig. 14

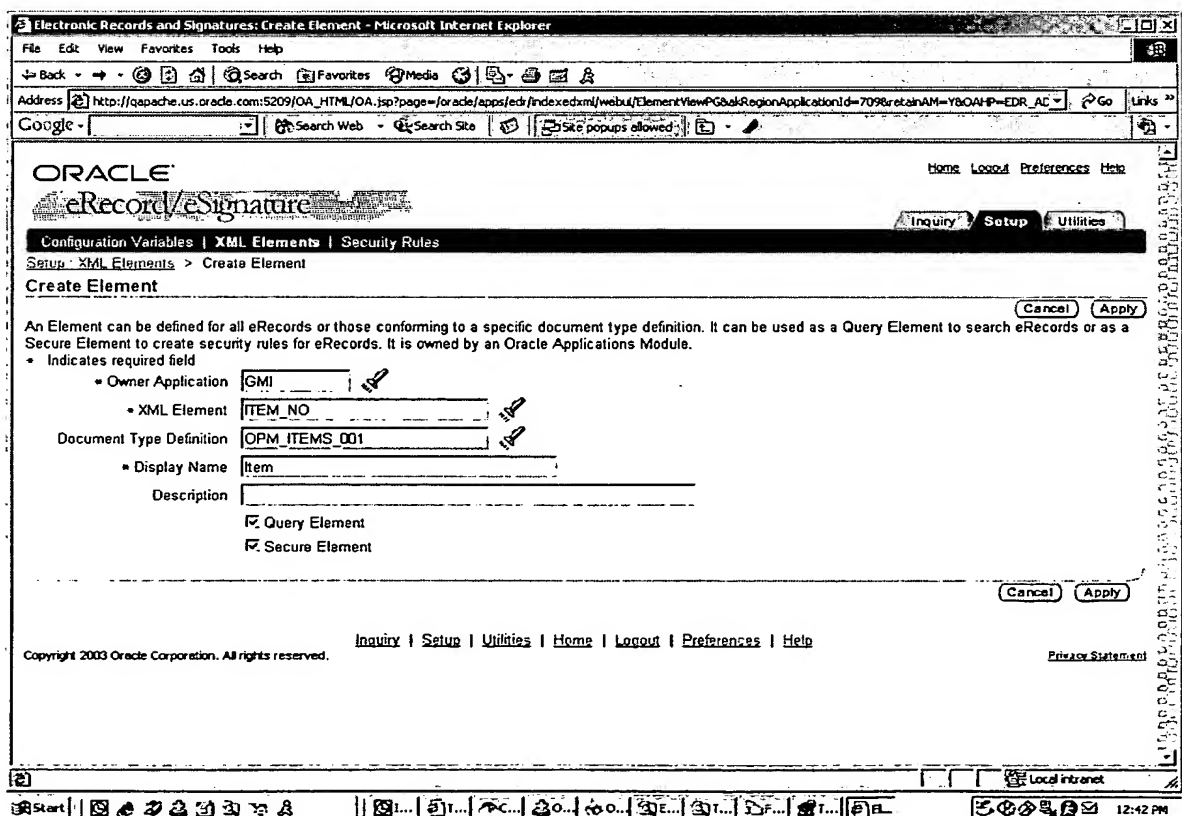


Fig. 15

Electronic Records and Signatures: Create Element - Microsoft Internet Explorer

Address: http://qaspace.us.oracle.com:5209/OA_HTML/OA.jsp?page=/oracle/apps/edr/indexedxml/webui/ElementViewPG&akRegionApplicationId=709&OAHP=EDR_ADMINISTRATOR

ORACLE eRecord/eSignature

Configuration Variables | XML Elements | Security Rules

Setup XML Elements > Create Element

Create Element

An Element can be defined for all eRecords or those conforming to a specific document type definition. It can be used as a Query Element to search eRecords or as a Secure Element to create security rules for eRecords. It is owned by an Oracle Applications Module.

- Indicates required field
 - Owner Application: GMI
 - XML Element: ITEM_NO
 - Document Type Definition: OPM_LOTS_001
 - Display Name: Lot Item
 - Description:
 - ☒ Query Element
 - ☒ Secure Element

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Fig. 16

Electronic Records and Signatures: Security and Query Elements - Microsoft Internet Explorer

Address: http://qaspace.us.oracle.com:5209/OA_HTML/OA.jsp?page=/oracle/apps/edr/indexedxml/webui/ElementViewPG&akRegionApplicationId=709&OAHP=EDR_ADMINISTRATOR

ORACLE eRecord/eSignature

Configuration Variables | XML Elements | Security Rules

Security and Query Elements

All eRecords are XML documents consisting of many XML elements. An XML element which is indexed and used for special purposes such as querying or creating security rules is called an Indexed XML Element, which can be created and maintained here.

Search

XML Element: item_no

Display Name:

Status: All

Go

| Owner | Display Name | XML Element | Document Type Definition | Status | Details | Update | Delete |
|-------|--------------|-------------|--------------------------|-------------|---------|--------|--------|
| GMI | Item | ITEM_NO | OPM_ITEMS_001 | Not Indexed | | | |
| GMI | Lot Item | ITEM_NO | OPM_LOTS_001 | Not Indexed | | | |

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Fig. 17

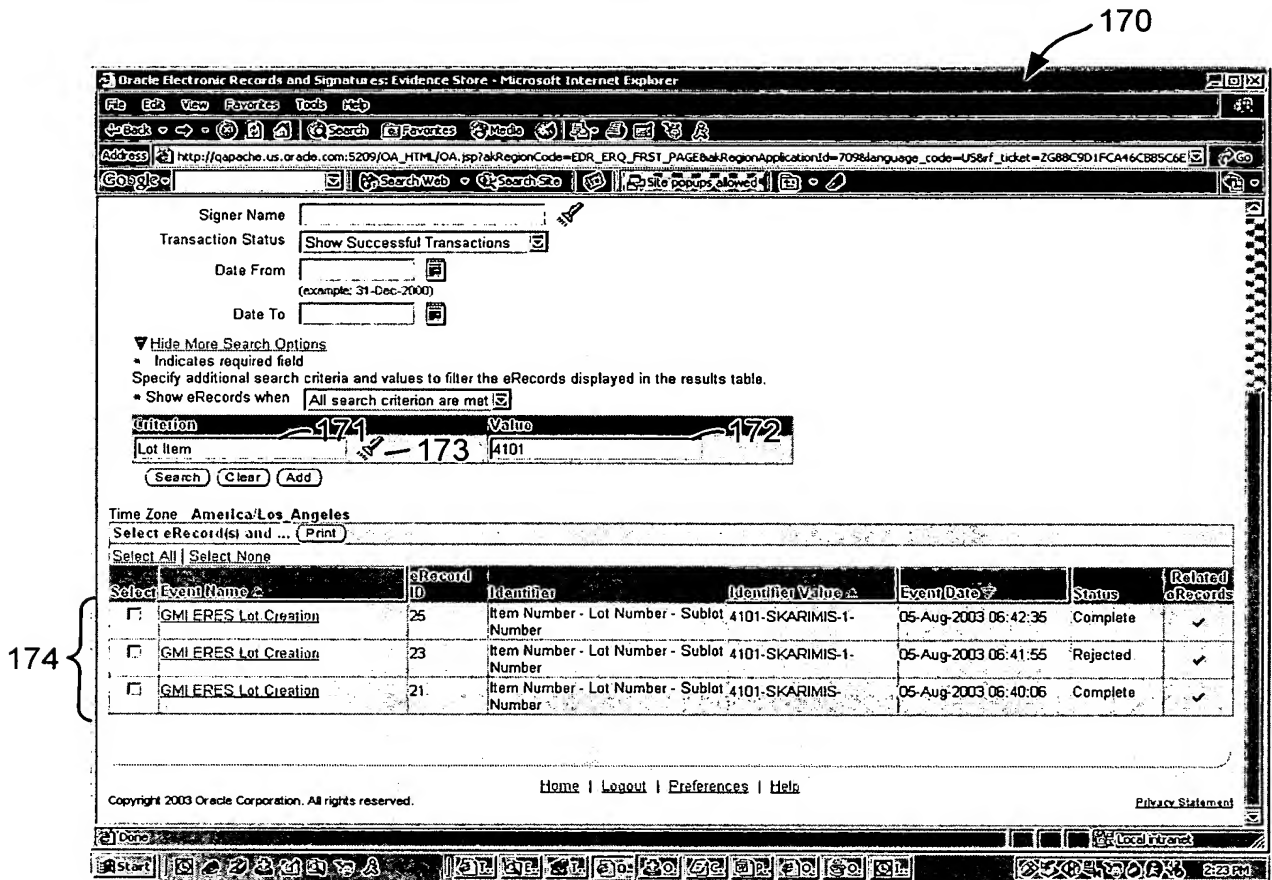


Fig. 18

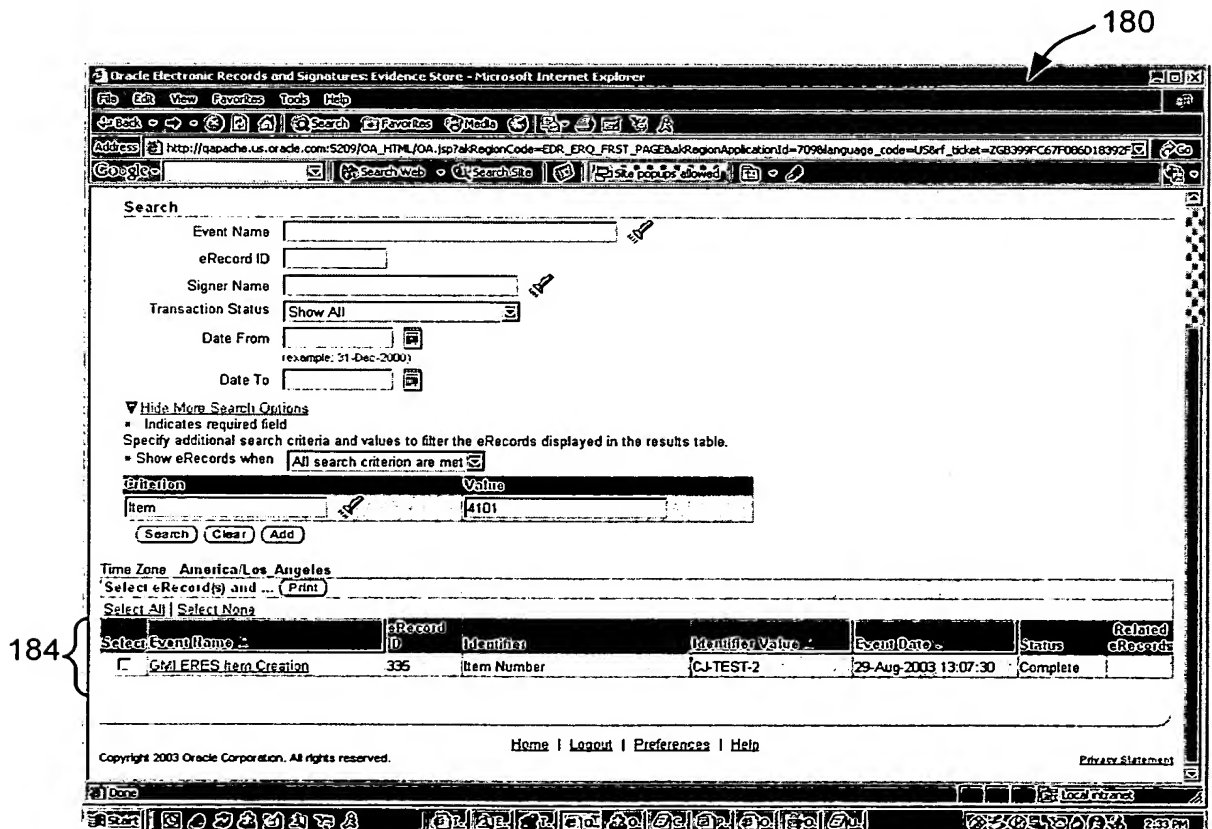


Fig. 19

Electronic Records and Signatures: Security Rule Definition - Microsoft Internet Explorer

Address: http://qaoracle.us.oracle.com:5209/OA_HTML/OA.jsp?page=forade/apps/edr/security/webui/SecurityRuleViewPG&akRegionApplicationId=709&retainAM=Y&OAHP=EDR_A

ORACLE eRecord/eSignature

Configuration Variables | XML Elements | Security Rules

Setup | Security Rules > Create Security Rule

Create Security Rule

Timezone

Select a Secure Element and specify the value for the element that needs to be secured. Also, select a User or Responsibility for which the rule is being created and Grant or Restrict access. A security rule can be created for all eRecords or only those created for a specific business event.

Indicates required field

- Secure Element: Item
- Event Name: [Field]
- Secure Value: 4101
- User: CSINGH
- Responsibility: [Field]
- Access Code: Restrict
- Start Date: 23-Sep-2003 16:15:50 (example: 31-Dec-2000 20:45:00)
- End Date: [Field]

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Fig. 20

Oracle Electronic Records and Signatures: Evidence Store - Microsoft Internet Explorer

Address: http://qaoracle.us.oracle.com:5209/OA_HTML/OA.jsp?akRegionCode=EDR_ERQ_FRST_PAGE&akRegionApplicationId=709&language_code=US&rf_ticket=ZG4A9DA8A9035

ORACLE eRecord/eSignature

Evidence Store

The Evidence Store stores all the Electronic Records (eRecords) created for an organization. Each eRecord contains business transaction details, approver information and in some cases approver signatures.

Search

Event Name: [Field]

eRecord ID: [Field]

Signer Name: [Field]

Transaction Status: Show All

Date From: [Field] (example: 31-Dec-2000)

Date To: [Field]

Hide More Search Options

- Indicates required field
- Show eRecords when: All search criterion are met

Criteria: Item Value: 4101

Search Clear Add

| Select Event Name | eRecord ID | Identifier | Identifier Value | Event Date | Status | Related eRecords |
|-----------------------|------------|------------|------------------|------------|--------|------------------|
| (No Search Conducted) | | | | | | |

Fig. 21